



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.: 09/685,205  
Applicants: McCorkle  
Filed: October 10, 2000  
TC/A.C.: 2634  
Examiner: Liu, Shuwang  
Docket No.: 10X-218/XSI.018  
Customer No.: 23400

ENTITLED: **SYSTEM AND METHOD FOR GENERATING ULTRA  
WIDEBAND PULSES**

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**NOTIFICATION OF LOSS OF  
ENTITLEMENT TO SMALL ENTITY STATUS**

U.S. Patent and Trademark Office  
220 20<sup>th</sup> Street, S.  
Customer Window, Mail Stop Amendment  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Sir:

By this letter, Applicants inform the Commissioner that this case is no longer entitled to small entity status. Applicants request that the Patent Office indicate this fact on any Notice of Allowance, and charge the issue fee appropriately.

Respectfully Submitted,

Brian C. Altmiller  
Reg. No. 37,271

Date: September 23, 2004

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Reston, VA 20190  
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Fax (703) 707-9112  
Customer No. 23400

|   |                        |                  |
|---|------------------------|------------------|
| <b>TRANSMITTAL FORM</b><br>(to be used for all correspondence after initial filing) | Application Number     | 09/685,205       |
|   | Filing Date            | October 10, 2000 |
|   | First Named Inventor   | McCORKLE         |
|   | Group Art Unit         | 2634             |
|   | Examiner Name          | Liu, Shuwang     |
|   | Attorney Docket Number | 10X-218/XSI.018  |

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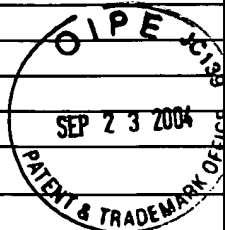
| ENCLOSURES (check all that apply)   |   |  |
|---|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input checked="" type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment / Response<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application)<br><input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition<br><input type="checkbox"/> To Convert a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input checked="" type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Small Entity Statement<br><input type="checkbox"/> Request of Refund | <input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):<br><div style="border: 1px solid black; padding: 2px;">         37 C.F.R. §132 Declaration of Inventor John W. McCorkle       </div> <div style="border: 1px solid black; padding: 2px;">         Notification of Loss of Entitlement to Small Entity Status       </div> |
| Remarks   |   |  |
| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  |   |  |
| Firm or Individual name   | Posz & Bethards, PLC<br>BRIAN C. ALTMILLER (Reg. No. 37,271)  |  |
| Signature   | <i>Brian C. Altmiller</i>   |  |
| Date  | 23 SEPTEMBER 2004   |  |

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

## Complete if Known

Application Number **09/685,205**  
 Filing Date **October 10, 2000**  
 First Named Inventor **McCORKLE**  
 Examiner Name **Liu, Shuwang**  
 Art Unit **2634**  
 Attorney Docket No. **10X-218/XSI.018**


☐ Applicant Claims small entity status. See 37 CFR 1.27
TOTAL AMOUNT OF PAYMENT (\$)**110**

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account

 Deposit Account Number  
 Deposit Account Name
**50-1147****POSZ & BETHARDS, PLC**

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large Entity |          | Small Entity |          | Fee Description        | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                        |          |
| 1001         | 770      | 2001         | 385      | Utility filing fee     |          |
| 1002         | 340      | 2002         | 170      | Design filing fee      |          |
| 1003         | 530      | 2003         | 265      | Plant filing fee       |          |
| 1004         | 770      | 2004         | 385      | Reissue filing fee     |          |
| 1005         | 160      | 2005         | 80       | Provisional filing fee |          |

SUBTOTAL (1) (\$)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| -21**=             | 0 X          | 18             |          |
| -3**=              | 0 X          | 86             |          |
| Multiple Dependent |              |                |          |

| Large Entity |          | Small Entity |          | Fee Description   |
|--------------|----------|--------------|----------|---|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |   |
| 1202         | 18       | 2202         | 9        | Claims in excess of 20                                    |
| 1201         | 86       | 2201         | 43       | Independent claims in excess of 3                         |
| 1203         | 290      | 2203         | 145      | Multiple dependent claim, if not paid                     |
| 1204         | 86       | 2204         | 43       | **Reissue independent claims over original patent         |
| 1205         | 18       | 2205         | 9        | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)**0**

\*\* or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

| Large Entity |          | Small Entity |          | Fee Description  |
|--------------|----------|--------------|----------|--|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |
| 1051         | 130      | 2051         | 65       | Surcharge - late filing fee or oath  |
| 1052         | 50       | 2052         | 25       | Surcharge - late provisional filing fee or cover sheet                     |
| 1053         | 130      | 1053         | 130      | Non-English specification  |
| 1812         | 2,520    | 1812         | 2,520    | For filing a request for <i>ex parte</i> reexamination                     |
| 1804         | 920*     | 1804         | 920*     | Requesting publication of SIR prior to Examiner action                     |
| 1805         | 1,840    | 1805         | 1,840*   | Requesting publication of SIR after Examiner action                        |
| 1251         | 110      | 2251         | 55       | Extension for reply within first month                                     |
| 1252         | 420      | 2252         | 210      | Extension for reply within second month                                    |
| 1253         | 950      | 2253         | 475      | Extension for reply within third month                                     |
| 1254         | 1,480    | 2254         | 740      | Extension for reply within fourth month                                    |
| 1255         | 2,010    | 2255         | 1005     | Extension for reply within fifth month                                     |
| 1401         | 330      | 2401         | 165      | Notice of Appeal   |
| 1402         | 330      | 2402         | 165      | Filing a brief in support of an appeal                                     |
| 1403         | 290      | 2403         | 145      | Request for oral hearing   |
| 1451         | 1,510    | 1451         | 1,510    | Petition to institute a public use proceeding                              |
| 1452         | 110      | 2452         | 55       | Petition to revive - unavoidable   |
| 1453         | 1,330    | 2453         | 665      | Petition to revive - unintentional   |
| 1501         | 1,330    | 2501         | 665      | Utility issue fee (or reissue)   |
| 1502         | 480      | 2502         | 240      | Design issue fee   |
| 1503         | 640      | 2503         | 320      | Plant issue fee  |
| 1460         | 130      | 1460         | 130      | Petitions to the Commissioner  |
| 1807         | 50       | 1807         | 50       | Processing fee under 37 CFR 1.17(q)  |
| 1806         | 180      | 1806         | 180      | Submission of Information Disclosure Stmt                                  |
| 8021         | 40       | 8021         | 40       | Recording each patent assignment per property (times number of properties) |
| 1809         | 770      | 2809         | 385      | Filing a submission after final rejection (37 CFR § 1.129(a))              |
| 1810         | 770      | 2810         | 385      | For each additional invention to be examined (37 CFR § 1.129(b))           |
| 1801         | 770      | 2801         | 385      | Request for Continued Examination (RCE)                                    |
| 1802         | 900      | 1802         | 900      | Request for expedited examination of a design application                  |
| 1814/2814    | 110      |              |          | Statutory Disclaimer   |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)**110**

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## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type) **BRIAN C. ALTMILLER** Registration No. (Attorney/Agent) **37,271** Telephone **(703) 707-9110**  
 Signature *Brian C. Altmiller* Date **September 23, 2004**

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2